

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A fiber optic transceiver package comprising:
a main transceiver cage, a lower portion of said cage comprising an intermediate rear EMI gasket, said intermediate rear EMI gasket being an integral component of said transceiver cage so that no attaching operation is required to affix said intermediate rear EMI gasket to said transceiver cage, said intermediate rear EMI gasket being formed by at least one protruding finger that shields an interior of said transceiver cage.

2. (Original) The fiber optic transceiver package as defined in claim 1 wherein:
said protruding finger has a thickness of at least 0.005 inches.

3. (Original) The fiber optic transceiver package as defined in claim 1 wherein:
said intermediate rear EMI gasket is formed from a plurality of protruding fingers.

4. (Currently amended) The fiber optic transceiver package as defined in claim 3
wherein:
each said protruding finger has a thickness of at least 0.005 inches.

5. (Original) The fiber optic transceiver package as defined in claim 1 wherein:
said transceiver cage comprises a connecting pin adapted to secure said transceiver cage to a PCB, said connecting pin comprising
more than one leg, and
a terminal section; wherein

6 said legs are arced outward from a first end of said connector pin relative to a central
7 longitudinal axis of said connector pin toward a midpoint of said connector pin, a diameter
8 of said connector pin being at a maximum at said midpoint, said legs then arcing inward
9 toward a common terminal section so that said legs are bowed symmetrically about said
10 longitudinal axis, a tension generated by said bowing of said legs causing said legs to act
11 as a leaf spring when said connector pin is inserted into one of the receiving holes of the
12 receiving element, said legs being slightly compressed as said midpoint enters the
13 receiving hole to create a flexion force, said flexion force ensuring a tight contact point
14 between each of said legs and a surface of the receiving hole in the receiving element, and
15 outer surfaces of said legs lie on arcs of a circle.

1 6. (Original) The fiber optic transceiver package as defined in claim 5 wherein:
2 a magnitude of said flexion force is varied by varying an amount of at-rest arc placed
3 in said legs during manufacturing.

1 7. (Original) The fiber optic transceiver package as defined in claim 5 wherein:
2 said connector pin is formed as an integral portion of said cage.